

Claim Amendment

The following listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Currently amended) A myocardial cell of a non-human mammal, wherein the myocardial cell contains an adenoviral vector sequence for simultaneous expression of G protein coupled receptor EDG2 and a cellular marker.
2. (Original) The myocardial cell of claim 1, wherein the cellular marker is a fluorescent protein.
3. (Original) The myocardial cell of claim 2, wherein the cellular marker is Green Fluorescent Protein.
4. (Original) The myocardial cell of claim 2, wherein the adenoviral vector sequence comprises of a recombinant E1/E3 deficient adenovirus which expresses the G protein coupled receptor EDG2 and the fluorescent protein under control of two independent promoters.
5. (Original) The myocardial cell of claim 4 wherein the two independent promoters are two CMV promoters.
- 6-8 (Cancelled)
9. (Currently amended) A method of producing of a myocardial cell according to claim 1, comprising:
 - a] removing the heart of a non-human mammal,
 - b] perfusing the removed heart, digesting the removed heart with collagenase, and isolating cardiomyocytes, and

c] infecting the isolated cardiomyocytes with an adenoviral vector comprising a recombinant E1/E3 deficient adenovirus which expresses the G protein coupled receptor EDG2 and a cellular marker under control of two independent promoters.

10. The method of claim 9, wherein the cellular marker is a fluorescent protein.

11-24: (Withdrawn)